

**ANDHRA CHRISTIAN COLLEGE, GUNTUR.**  
**DEPARTMENT OF BOTANY.**  
**CERTIFICATE COURSE IN PLANT NURSERY 2019 - 20**

Total hours of teaching 30 hrs @ 1 hr per day

**SYLLABUS:**

**UNIT I**

- 1) Definition, Importance of Plant Nursery.
- 2) Different types of Nurseries.
- 3) Basic facilities, Layout and Components of a good Nursery. - 10 hrs

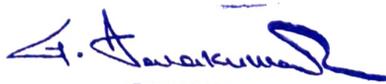
**UNIT II.**

- 1) Nursery beds- types and precautions to be taken during preparation. Growth Media, Tools and Containers for plant nursery.
- 2) Vegetative propagation techniques to produce planting material, Sowing methods. 10hrs

**UNIT III**

- 1) Seasonal activities, nursery management - watering, weeding, pest & disease management
- 2) Economics of Nursery development, pricing and record maintenance. 10 hrs

  
**Head of the Department of Botany**  
**ANDHRA CHRISTIAN COLLEGE**  
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**PRINCIPAL**  
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I. B.Sc  
Class: 924  
NO

ANDHRA CHRISTIAN COLLEGE, GUNTUR

DEPARTMENT OF BOTANY

CERTIFICATE COURSE IN PLANT NURSERY

Question Paper 2019 -20

Each question carries **two** marks.

Max.marks : 30

1. The design of Nursery depends has distinct needs.  
a) Water tank/pond      b) Seed and fertilizer room      c) Both a and b      d) None of the above
2. One of the following is not grown in vegetable nursery  
a) Mango      b) cucumber      c) tomato      d) Alocasia
3. The beds that are slightly kept below the general ground level are called  
a) Sunken beds      b) Raised beds      c) Level beds      d) Flat beds
4. One of the following is not a method of grafting.  
a) Cleft grafting      b) Top working      c) Bark grafting      d) Whip grafting
5. Raised beds are supported with  
a) Line of bricks      b) Bamboos      c) Both a and b      d) None of the above
6. The following is used for air layering in woody perennials  
a) Peat      b) Soil      c) Sphagnum moss      d) Vermiculate
7. The following tools are used in nursery  
a) Kudali      b) Trowel      c) Weeding fork      d) All the above
8. The beds that are used for raising seedlings are  
a) Raised beds      b) Sunken beds      c) Level beds      d) None of the above
9. What is the limiting factor in the production of quality nursery crops in containers?  
a) Media      b) Drainage      c) Both the above      d) None of the above
10. One of the following is not a vegetative propagation method

a)Cutting b)Grafting c)Layering ~~d)Sowing seeds~~

11. Joining of parts of two independent plants is called

a)Layering b)Grafting ~~c)Cutting~~ d)Suckering

12. What is Micro-propagation ?

a)Breaking and softening of seeds ~~b)Propagating plants from miniature plant tissues~~ c) Exposing seeds to chilling temperatures d) None of the above

13. Part of mother plant used in budding and grafting to develop fruit tree is called

~~a)Scion~~ b)Rootstock c)Sucker d)Cutting

14. One of the following statements is wrong in selecting the site for nursery.

a) The location should be partially shaded

b) It should be well protected from animals

~~c) The area should not be nearer to the water source~~

d) Proper drainage facilities should be provided

15. One of the following is not a Financial and production record

a)Expense data ~~b) Crop development record~~ c)Production data d)Unit –cost data